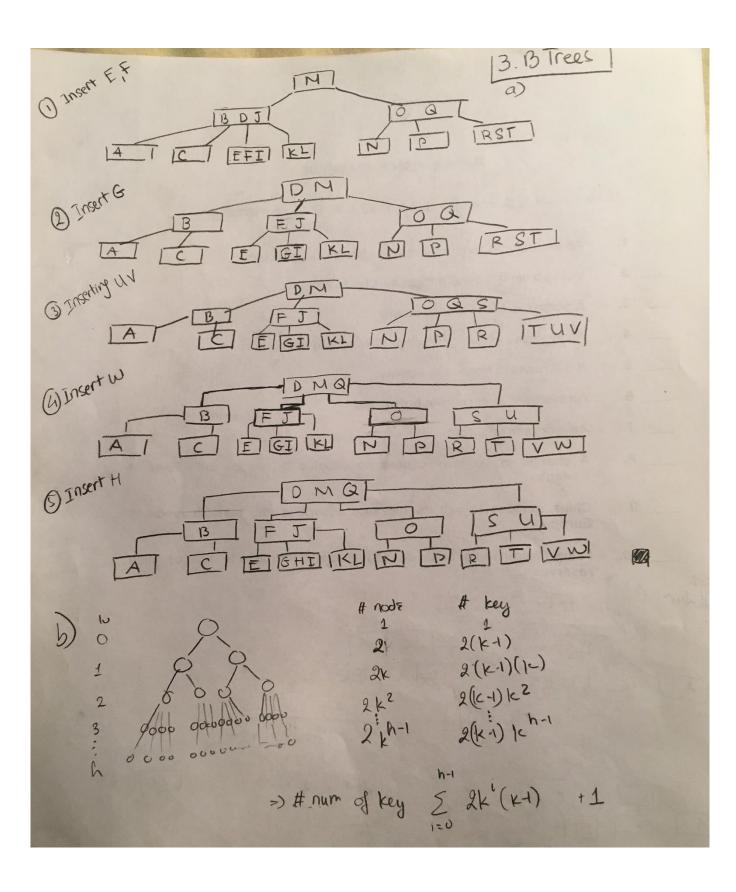
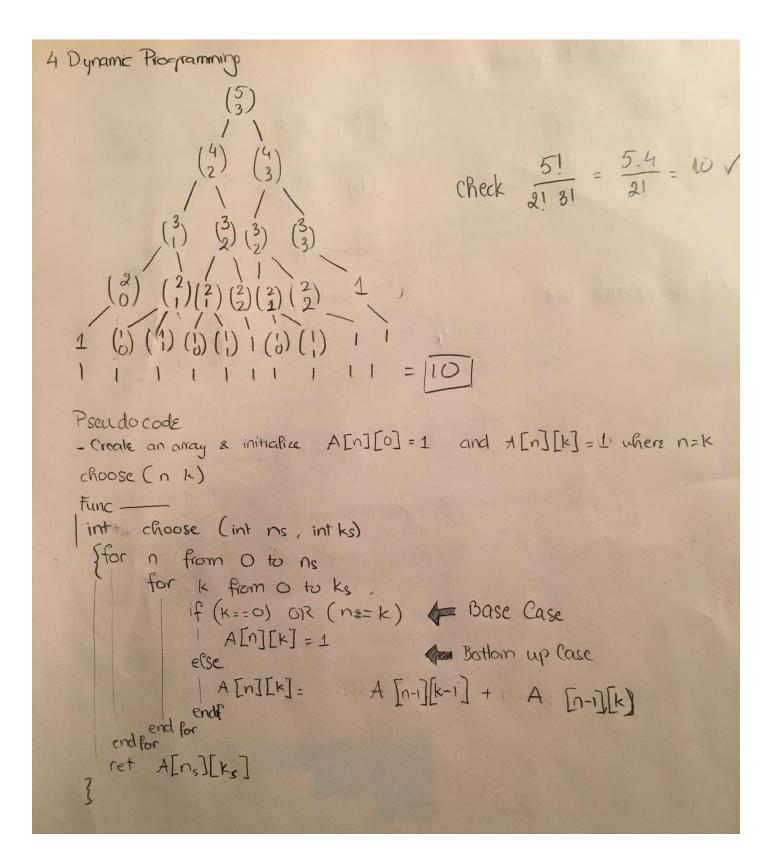
## 1) Hash Table Propability

- $) (a) : \frac{m-1}{m}$ 
  - $(b): \frac{1}{m}$
- 2] Red Black Tree

- 2) (a)  $\frac{m-1}{m} + \frac{m-2}{m} = \frac{2m-3}{m}$ 
  - (b)  $\frac{m-1}{m}$
  - (c) \frac{1}{m}





0	1	2	3
1		A PARTY	
1	71		
1	2	511	
1	73	13	711
- 1	374	616	274
	12	10	10
	0	0 1	1 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1